

**Flood Control Project Maintenance
Levee Inspections**

LMA District Cover Sheet

Spring 2012 Levee Inspection Results

Yolo County Service Area 6

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Yolo County Service Area 6

Waterway			Bank	Unit Miles
Unit No. 01 Right Bank of Sacramento River at Knights Landing			Right	5.97
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/17/2012 - 4/17/2012			
DWR Inspector	John Williamson			
Accompanied By	Regina Espinosa Yolo County			
	Chris Starke Yolo County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
1	Earthen Levee	Operations & Maintenance Manuals	LS	A Ma						°	° 37
2	Earthen Levee	Emergency Supplies & Equipment	LS	M Ma						°	° 38
3	Earthen Levee	Flood Preparedness & Training	LS	A Ma						°	° 42
4	0.00 0.20	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.799184 ° 38.801218 ° 91 -121.724419 ° -121.722223 ° Y	DWR ID: DWR_NA0022_01_s_2012_37	DWR ID: DWR_NA0022_01_s_2012_91	
5	0.01 0.44	Earthen Levee	Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.			38.799213 ° 38.802170 ° 7 -121.724362 ° -121.718048 ° Y	DWR ID: DWR_NA0022_01_s_2012_7		
6	0.01 0.50	Earthen Levee	Vegetation	WS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.			38.799218 ° 38.802167 ° 10 -121.724368 ° -121.716863 ° Y	DWR ID: DWR_NA0022_01_s_2012_10		
7	0.03 0.20	Earthen Levee	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.799606 ° 38.801368 ° 6 -121.724048 ° -121.722054 ° Y	DWR ID: DWR_NA0022_01_s_2012_6		
8	0.15 0.15	Earthen Levee	Encroachments	LS M En	PR : Prunings			38.800802 ° 38.800802 ° 13 -121.722888 ° -121.722888 ° Y	DWR ID: DWR_NA0022_01_s_2012_13		
9	0.15 0.15	Earthen Levee	Trim / Thin Trees	LS C Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.			38.800828 ° 38.800828 ° 30 -121.722903 ° -121.722903 °	DWR ID: DWR_NA0022_01_s_2012_30		
10	0.15 0.15	Earthen Levee	Encroachments	WS M En	BU : Buildings			38.800828 ° 38.800828 ° 29 -121.722902 ° -121.722902 ° Y	DWR ID: DWR_NA0022_01_s_2012_29		
11	0.18 0.18	Earthen Levee	Encroachments	LS M En	PR : Prunings			38.801103 ° 38.801103 ° 17 -121.722293 ° -121.722293 ° Y	DWR ID: DWR_NA0022_01_s_2012_17		
12	0.22 0.26	Earthen Levee	Encroachments	LS A/W En	BU : Buildings Inspector Comments: RV park runs on and along levee to bridge			38.801500 ° 38.801613 ° 28 -121.721878 ° -121.721328 ° Y	DWR ID: DWR_NA0022_01_s_2012_28		
13	0.31 0.33	Earthen Levee	Vegetation	LS A/W En	V6 : Landscaping Inspector Comments: This is a two year old home. I have talked to the owner about a permit and he continues to landscape the landside slope with no permit. Owner has added fence across levee. Gave her an application, did field investigation report.			38.801720 ° 38.801840 ° 27 -121.720447 ° -121.720030 ° Y	DWR ID: DWR_NA0022_01_s_2012_27		

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
LMR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End			*	+		Start	End		
14	0.35	0.39	Earthen Levee	Encroachments	LS A/W En	BU : Buildings Inspector Comments: Apartments with chainlink fence with lathe woven into it.		38.801967 °	38.802105 °	26	-121.719727 ° -121.718963 ° Y
											DWR ID: DWR_NA0022_01_s_2012_26
15	0.43	0.43	Earthen Levee	Encroachments	WS M En	PR : Prunings		38.802128 °	38.802128 °	18	-121.718308 ° -121.718308 ° Y
											DWR ID: DWR_NA0022_01_s_2012_18
16	0.50	0.57	Earthen Levee	Vegetation	WSA/W En	V6 : Landscaping		38.802238 °	38.801960 °	24	-121.716875 ° -121.715700 ° Y
											DWR ID: DWR_NA0022_01_s_2012_24
17	0.51	0.57	Earthen Levee	Encroachments	LS A/W En	BU : Buildings		38.802172 °	38.801958 °	25	-121.716705 ° -121.715758 ° Y
											DWR ID: DWR_NA0022_01_s_2012_25
18	0.57	0.71	Earthen Levee	Vegetation	LS U En	V6 : Landscaping Inspector Comments: Oleander hedge		38.801968 °	38.801077 °	22	-121.715707 ° -121.713335 ° Y
											DWR ID: DWR_NA0022_01_s_2012_22
19	0.57	0.65	Earthen Levee	Encroachments	WSA/W En	BU : Buildings Inspector Comments: Yolo Sutter Yacht Club		38.801965 °	38.801468 °	23	-121.715705 ° -121.714348 ° Y
											DWR ID: DWR_NA0022_01_s_2012_23
20	0.73	0.73	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.		38.800960 °	38.800960 °	2	-121.713153 ° -121.713153 ° Y
											DWR ID: DWR_NA0022_01_s_2012_2
21	0.97	1.14	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.		38.800188 °	38.800577 °	21	-121.708918 ° -121.705830 ° Y
											DWR ID: DWR_NA0022_01_s_2012_21
22	1.18	1.34	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.		38.800778 °	38.802058 °	20	-121.705135 ° -121.702633 ° Y
											DWR ID: DWR_NA0022_01_s_2012_20
23	1.78	1.78	Earthen Levee	Encroachments	WS M Ma	PR : Prunings		38.797916 °	38.797916 °	9	-121.697980 ° -121.697980 ° Y
											DWR ID: DWR_NA0022_01_s_2012_9
24	1.99	1.99	Earthen Levee	Animal Control	CR M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.		38.795459 °	38.795459 °	83	-121.695954 ° -121.695954 ° Y
											DWR ID: DWR_NA0022_01_s_2012_83
25	1.99	1.99	Earthen Levee	Encroachments	LS M Ma	PR : Prunings		38.795456 °	38.795456 °	82	-121.695954 ° -121.695954 ° Y
											DWR ID: DWR_NA0022_01_s_2012_82
26	2.06	2.06	Earthen Levee	Encroachments	LS M Ma	PR : Prunings		38.794439 °	38.794439 °	84	-121.695692 ° -121.695692 ° Y
											DWR ID: DWR_NA0022_01_s_2012_84
27	2.07	2.07	Earthen Levee	Animal Control	CR M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.		38.794391 °	38.794391 °	85	-121.695684 ° -121.695684 ° Y
											DWR ID: DWR_NA0022_01_s_2012_85
28	2.18	2.18	Earthen Levee	Animal Control	LS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.		38.792956 °	38.792956 °	8	-121.696025 ° -121.696025 ° Y
											DWR ID: DWR_NA0022_01_s_2012_8

* Location LS : Land Side WS : Water Side CR : Crown
** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start End Photo
	Levee Mile	Bank						Start	End	
29	2.22	2.22	Earthen Levee	Encroachments	LS	M	PI : Pipe Ma	38.792499 °	38.792499 °	40 -121.695508 ° -121.695508 ° Y DWR ID: DWR_NA0022_01_s_2012_40
30	2.22	2.22	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.792428 °	38.792428 °	35 -121.695495 ° -121.695495 ° Y DWR ID: DWR_NA0022_01_s_2012_35
31	2.24	2.24	Earthen Levee	Encroachments	LS	M	FW : Firewood Ma	38.792283 °	38.792283 °	39 -121.695447 ° -121.695447 ° Y DWR ID: DWR_NA0022_01_s_2012_39
32	2.25	2.25	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.792128 °	38.792128 °	41 -121.695400 ° -121.695400 ° Y DWR ID: DWR_NA0022_01_s_2012_41
33	2.30	2.30	Earthen Levee	Trim / Thin Trees	WS	U	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Tree fell across crown, but still accessible. Tree needs to cut up and removed or burned. Ma	38.791321 °	38.791321 °	52 -121.695261 ° -121.695261 ° Y DWR ID: DWR_NA0022_01_s_2012_52
34	2.62	2.62	Earthen Levee	Encroachments	LS	A/W	BU : Buildings En	38.786964 °	38.786964 °	11 -121.694239 ° -121.694239 ° Y DWR ID: DWR_NA0022_01_s_2012_11
35	2.62	2.62	Earthen Levee	Animal Control	CR	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.787038 °	38.787038 °	86 -121.694237 ° -121.694237 ° Y DWR ID: DWR_NA0022_01_s_2012_86
36	2.72	2.72	Earthen Levee	Erosion / Bank Caving	LS	M	E2 : Schedule repair of erosion site prior to the next inspection. Ma	38.785613 °	38.785613 °	87 -121.694266 ° -121.694266 ° Y DWR ID: DWR_NA0022_01_s_2012_87
37	2.97	2.97	Earthen Levee	Animal Control	LS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.782985 °	38.782985 °	14 -121.691518 ° -121.691518 ° Y DWR ID: DWR_NA0022_01_s_2012_14
38	3.10	3.24	Supplemental USACE Erosion Survey	WS	M		Inspector Comments: 2006 - Short section is into the levee toe, rest is near the levee toe. Mass failure and fluvial erosion of depositional material. Rock at the upstream and downstream ends. 2011: Minor new erosion. [2011 Site ID: SAC_86-9_R] Ma	38.780407 °	38.779137 °	3 -121.688238 ° -121.687432 ° Y DWR ID: DWR_NA0022_01_s_2012_3
39	3.12	3.19	Earthen Levee	Encroachments	LS	A/W	BU : Buildings En	38.781828 °	38.780852 °	12 -121.689415 ° -121.688887 ° Y DWR ID: DWR_NA0022_01_s_2012_12
40	3.16	3.16	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma	38.781358 °	38.781358 °	34 -121.689118 ° -121.689118 ° Y DWR ID: DWR_NA0022_01_s_2012_34
41	3.25	3.25	Earthen Levee	Trim / Thin Trees	WS	M	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Dead tree broken during winter storms, needs to be cleaned up. Ma	38.780041 °	38.780041 °	15 -121.688499 ° -121.688499 ° Y DWR ID: DWR_NA0022_01_s_2012_15

* Location LS : Land Side WS : Water Side CR : Crown

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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
L/MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
42	3.31	3.31	Earthen Levee	Trim / Thin Trees	WS Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Fallen tree from winter storms, needs to be cleaned up	38.779352 ° -121.688041 °	38.779352 ° -121.688041 °	Y	DWR ID: DWR_NA0022_01_s_2012_16	
43	3.47	3.47	Earthen Levee	Encroachments	WS U En	PI : Pipe Inspector Comments: Pipe was dug out and looks like a hole in pipe.	38.777217 ° -121.687038 °	38.777217 ° -121.687038 °	Y	DWR ID: DWR_NA0022_01_s_2012_33	
44	3.70	3.70	Earthen Levee	Encroachments	WS M Ma	TR : Tree or limb	38.773984 ° -121.687722 °	38.773984 ° -121.687722 °	Y	DWR ID: DWR_NA0022_01_s_2012_89	
45	4.31	4.57	Earthen Levee	Vegetation	WSA/W Ob	V8 : Environmental Requirements.	38.767125 ° -121.693267 °	38.764582 ° -121.690285 °	Y	DWR ID: DWR_NA0022_01_s_2012_36	
46	4.65	4.86	Supplemental USACE Erosion Survey		WS M Ma	Inspector Comments: 2009 - Erosion into the levee toe. Some cobbles have been dumped into the erosion pockets. 2010 - Old cobble site starting to unravel. 2011: No observed change. [2011 Site ID: SAC_85-4_R]	38.763486 ° -121.687567 °	38.763313 ° -121.684038 °	Y	DWR ID: DWR_NA0022_01_s_2012_4	
47	5.60	5.65	Earthen Levee	Encroachments	LS A/W En	BU : Buildings	38.759620 ° -121.673903 °	38.759412 ° -121.673167 °	Y	DWR ID: DWR_NA0022_01_s_2012_1	
48	5.76	5.86	Supplemental USACE Erosion Survey		WS M Ma	Inspector Comments: 2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011: Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. [2011 Site ID: SAC_83-9_R]	38.758948 ° -121.669103 °	38.759390 ° -121.667500 °	Y	DWR ID: DWR_NA0022_01_s_2012_5	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation
A view of the vegetation on the landside. Grasses are taller than 12 inches. Fall 2011	
johngw_s_20120313_277.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Berries and trees are on the landside levee slope. Photo taken spring 2012.	
johngw_s_20120419_712.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.01
End Levee Mile	0.44
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Grasses are taller than 12", photo taken spring 2012.	
johngw_s_20120419_710.jpg	



* Location LS : Land Side WS : Water Side CR : Crown
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	6
Start Levee Mile	0.01
End Levee Mile	0.50
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Grasses are taller than 12" photo taken spring 2012.	
johngw_s_20120419_711.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.03
End Levee Mile	0.20
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Remove all brush except grasses.	
johngw_s_20120313_242.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.03
End Levee Mile	0.20
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Grasses are taller than 12 inches with brush that obstruct the view. Fall 2011	
johngw_s_20120313_243.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	8
Start Levee Mile	0.15
End Levee Mile	0.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pruings from the fig tree left at toe. Photo taken spring 2012.	johngw_s_20120419_713.jpg



Levee Mile Report Line	10
Start Levee Mile	0.15
End Levee Mile	0.15
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Building on waterside.	johngw_s_20120313_261.jpg



Levee Mile Report Line	11
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Piles of pruning and debris at toe. Photo taken spring 2012.	johngw_s_20120419_714.jpg



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Levee Inspections**

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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	12
Start Levee Mile	0.22
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments
RV park trailers and vehicles on levee.	
<i>johngw_s_20120313_260.jpg</i>	



Levee Mile Report Line	13
Start Levee Mile	0.31
End Levee Mile	0.33
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Fence across levee.	
<i>johngw_s_20120313_258.jpg</i>	



Levee Mile Report Line	13
Start Levee Mile	0.31
End Levee Mile	0.33
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping on levee slope.	
<i>johngw_s_20120313_259.jpg</i>	



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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	14
Start Levee Mile	0.35
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Apartments and fence.	
<i>johngw_s_20120313_257.jpg</i>	



Levee Mile Report Line	15
Start Levee Mile	0.43
End Levee Mile	0.43
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Piles of prunings on waterside toe, photo taken spring 2012.	
<i>johngw_s_20120419_715.jpg</i>	



Levee Mile Report Line	16
Start Levee Mile	0.50
End Levee Mile	0.57
Location	Water Side
Category	Earthen Levee
Item	Vegetation
On levee crown	
<i>johngw_s_20120313_255.jpg</i>	



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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	17
Start Levee Mile	0.51
End Levee Mile	0.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Houses on levee.	johngw_s_20120313_256.jpg



Levee Mile Report Line	18
Start Levee Mile	0.57
End Levee Mile	0.71
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Oleanders along the shoulder.	johngw_s_20120313_253.jpg



Levee Mile Report Line	19
Start Levee Mile	0.57
End Levee Mile	0.65
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Yacht club	johngw_s_20120313_254.jpg



* Location
LS : Land Side
WS : Water Side
CR : Crown

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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	20
Start Levee Mile	0.73
End Levee Mile	0.73
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The berry vines block good visibility to see levee slope.	
<i>johngw_s_20120313_233.jpg</i>	



Levee Mile Report Line	20
Start Levee Mile	0.73
End Levee Mile	0.73
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The berries have been grazed down but not killed. Photo taken spring 2012.	
<i>johngw_s_20120419_716.jpg</i>	



Levee Mile Report Line	21
Start Levee Mile	0.97
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The vegetation completely blocks the view of the levee slope. Fall 2011	
<i>johngw_s_20120313_252.jpg</i>	



* Location LS : Land Side WS : Water Side CR : Crown
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	22
Start Levee Mile	1.18
End Levee Mile	1.34
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The vegetation blocks the view of the levee slope.
Fall 2011

johngw_s_20120313_251.jpg



Levee Mile Report Line	23
Start Levee Mile	1.78
End Levee Mile	1.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Prunings

johngw_s_20120313_245.jpg



Levee Mile Report Line	24
Start Levee Mile	1.99
End Levee Mile	1.99
Location	Crown
Category	Earthen Levee
Item	Animal Control

A rodent hole is in the crown of the levee. Fall 2011

johngw_s_20120313_271.jpg



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	25
Start Levee Mile	1.99
End Levee Mile	1.99
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A pile of prunings is stacked on the levee slope near the toe. Fall 2011	
johngw_s_20120313_270.jpg	



Levee Mile Report Line	26
Start Levee Mile	2.06
End Levee Mile	2.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Another pile of prunings is stacked on the levee slope. Fall 2011	
johngw_s_20120313_272.jpg	



Levee Mile Report Line	27
Start Levee Mile	2.07
End Levee Mile	2.07
Location	Crown
Category	Earthen Levee
Item	Animal Control
A rodent hole in the crown of the levee. Fall 2011	
johngw_s_20120313_273.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	28
Start Levee Mile	2.18
End Levee Mile	2.18
Location	Land Side
Category	Earthen Levee
Item	Animal Control
There are multiple rodent holes but no visible rodents. Need to backfill and compact.	
johngw_s_20120313_244.jpg	



Levee Mile Report Line	29
Start Levee Mile	2.22
End Levee Mile	2.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pipe along toe	
johngw_s_20120313_266.jpg	



Levee Mile Report Line	30
Start Levee Mile	2.22
End Levee Mile	2.22
Location	Land Side
Category	Earthen Levee
Item	Animal Control
A rodent hole needs to be backfilled and compacted.	
johngw_s_20120313_264.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	31
Start Levee Mile	2.24
End Levee Mile	2.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Firewood stacked up

johngw_s_20120313_265.jpg

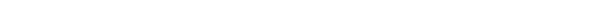


Levee Mile Report Line	32
Start Levee Mile	2.25
End Levee Mile	2.25
Location	Land Side
Category	Earthen Levee
Item	Animal Control



Rodents

johngw_s_20120313_267.jpg



Levee Mile Report Line	33
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree across levee

johngw_s_20120313_268.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	33
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Water side view.

johngw_s_20120313_269.jpg



Levee Mile Report Line	34
Start Levee Mile	2.62
End Levee Mile	2.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Garage at toe
johngw_s_20120313_246.jpg



Levee Mile Report Line	35
Start Levee Mile	2.62
End Levee Mile	2.62
Location	Crown
Category	Earthen Levee
Item	Animal Control

A very large rodent hole at the shoulder of the levee. Fall 2011
johngw_s_20120313_274.jpg



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	36
Start Levee Mile	2.72
End Levee Mile	2.72
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion caused by a build up of water then running off the slope. Fall 2011	
johngw_s_20120313_275.jpg	



Levee Mile Report Line	38
Start Levee Mile	3.10
End Levee Mile	3.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

johngw_s_20120313_234.jpg



Levee Mile Report Line	38
Start Levee Mile	3.10
End Levee Mile	3.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

johngw_s_20120313_235.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	39
Start Levee Mile	3.12
End Levee Mile	3.19
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The buildings are encroaching into the levee slope.	
<i>johngw_s_20120313_247.jpg</i>	



Levee Mile Report Line	40
Start Levee Mile	3.16
End Levee Mile	3.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Multiple piles of wooden debris along shoulder along with fallen tree.	
<i>johngw_s_20120313_263.jpg</i>	



Levee Mile Report Line	41
Start Levee Mile	3.25
End Levee Mile	3.25
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Branches from dead trees, water side	
<i>johngw_s_20120313_248.jpg</i>	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	42
Start Levee Mile	3.31
End Levee Mile	3.31
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
A cottonwood tree has fallen over against the slope. Fall 2011	
johngw_s_20120313_249.jpg	



Levee Mile Report Line	42
Start Levee Mile	3.31
End Levee Mile	3.31
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
This is the root ball of the tree. It has created a large void in the berm. Fall 2011	
johngw_s_20120313_250.jpg	



Levee Mile Report Line	43
Start Levee Mile	3.47
End Levee Mile	3.47
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pipe has been dug up on the waterside shoulder, (Russel, Permit: 3729) photo spring 2012	
johngw_s_20120419_718.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	43
Start Levee Mile	3.47
End Levee Mile	3.47
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Small hole in the top of pipe.	
<i>johngw_s_20120419_719.jpg</i>	



Levee Mile Report Line	43
Start Levee Mile	3.47
End Levee Mile	3.47
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Landside view of the ppe.	
<i>johngw_s_20120419_720.jpg</i>	



Levee Mile Report Line	44
Start Levee Mile	3.70
End Levee Mile	3.70
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Another tree has fallen on the waterside slope. Fall 2011	
<i>johngw_s_20120313_276.jpg</i>	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	45
Start Levee Mile	4.31
End Levee Mile	4.57
Location	Water Side
Category	Earthen Levee
Item	Vegetation
USACE revegetation site photo spring 2012.	
johngw_s_20120419_721.jpg	



Levee Mile Report Line	45
Start Levee Mile	4.31
End Levee Mile	4.57
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Fence, irrigation and stakes in the revegetation site.	
johngw_s_20120419_722.jpg	



Levee Mile Report Line	45
Start Levee Mile	4.31
End Levee Mile	4.57
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Another view of the site.	
johngw_s_20120419_723.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	46
Start Levee Mile	4.65
End Levee Mile	4.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

johngw_s_20120313_236.jpg



Levee Mile Report Line	46
Start Levee Mile	4.65
End Levee Mile	4.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

johngw_s_20120313_237.jpg



Levee Mile Report Line	46
Start Levee Mile	4.65
End Levee Mile	4.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

johngw_s_20120313_238.jpg



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	47
Start Levee Mile	5.60
End Levee Mile	5.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The house and landscape are in the easement of the levee. Fall 2011	
johngw_s_20120313_232.jpg	



Levee Mile Report Line	48
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
johngw_s_20120313_239.jpg	



Levee Mile Report Line	48
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
johngw_s_20120313_240.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	04/17/2012 04/17/2012	John Williamson

Levee Mile Report Line	48
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	johngw_s_20120313_241.jpg



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